

rf 355.831CIP2 3/8/05

- 4 -

In the claims:

1. (Currently amended) A method of ~~applying a~~ scraping off
excessive coating on from a paper substance comprising:
- 5 moving a paper over a roller;
- applying a coating ~~color~~ to the paper with a coating_color
applicator;
- longitudinally vibrating a blade with an ultrasonic
transducer in operative engagement with the blade, the
10 longitudinal vibration being in a direction that is parallel
to and along a length of the blade; and
- applying the vibrating blade to the paper to scrape off
excessive coating ~~color~~ from the paper.
- 15 2. (Currently amended) The method according to claim 1
wherein the method further comprises bending the blade with a
pressure applicator that bears against the blade while the
paper moves ~~passed~~ past the blade.
- 20 3. (Currently amended) The method according to claim 1
wherein the method further comprises providing the coating_
color applicator with an ultrasonic applicator transducer and
subjecting the coating ~~color~~ with an ultrasonic energy from
the ultrasonic applicator transducer to lower a ~~the~~ viscosity
25 of the coating ~~color~~.
4. (Original) The method according to claim 1 wherein the

rf 355.821CIP2 3/8/05

- 5 -

method further comprises transferring ultrasonic vibration from the ultrasonic transducer to a blade tip of the blade.

5. (Currently amended) A method of applying a coating on a
5 paper substance comprising:
moving a paper over a roller;
applying a coating to the paper with a coating-color
applicator;
vibrating a blade with an ultrasonic transducer in operative
10 engagement with the blade; and
applying the vibrating blade to the paper to scrape off
excessive coating from the paper;
~~The method according to claim 1 wherein the method further~~
~~comprises~~ holding the blade with a holder; and
15 providing the holder with grooves to prevent transmission of
ultrasonic energy along a width of the holder.

6. (Original) The method according to claim 1 wherein the
method further comprises adhering the ultrasonic transducer
20 directly on the blade.

7. (Currently amended) The method according to claim 5
wherein the method further comprises firmly holding the blade
in the holder to prevent loss of ultrasonic energy
25 transferred from the ultrasonic transducer through the holder
to the blade ~~and circulating water through pins.~~

ref 355.021CIP2 3/8/05

- 6 -

8. (Currently amended) The method according to claim 1 wherein the method further comprises applying the coating ~~color~~ through an endless wire and onto the paper.

5 9. (Currently amended) The method according to claim 8 wherein the method further comprises applying the coating ~~color~~ while subjecting the coating ~~color~~ to ultrasonic energy.

10 10. (Currently amended) A method of applying a coating on a paper substance comprising:

moving a paper over a roller;

applying a coating to the paper with a coating-color applicator;

15 vibrating a blade with an ultrasonic transducer in operative engagement with the blade; and

applying the vibrating blade to the paper to scrape off excessive coating from the paper; and

~~The method according to claim 2 wherein the method further~~

20 ~~comprises~~

providing the pressure applicator with an ultrasonic transducer that vibrates the pressure applicator.